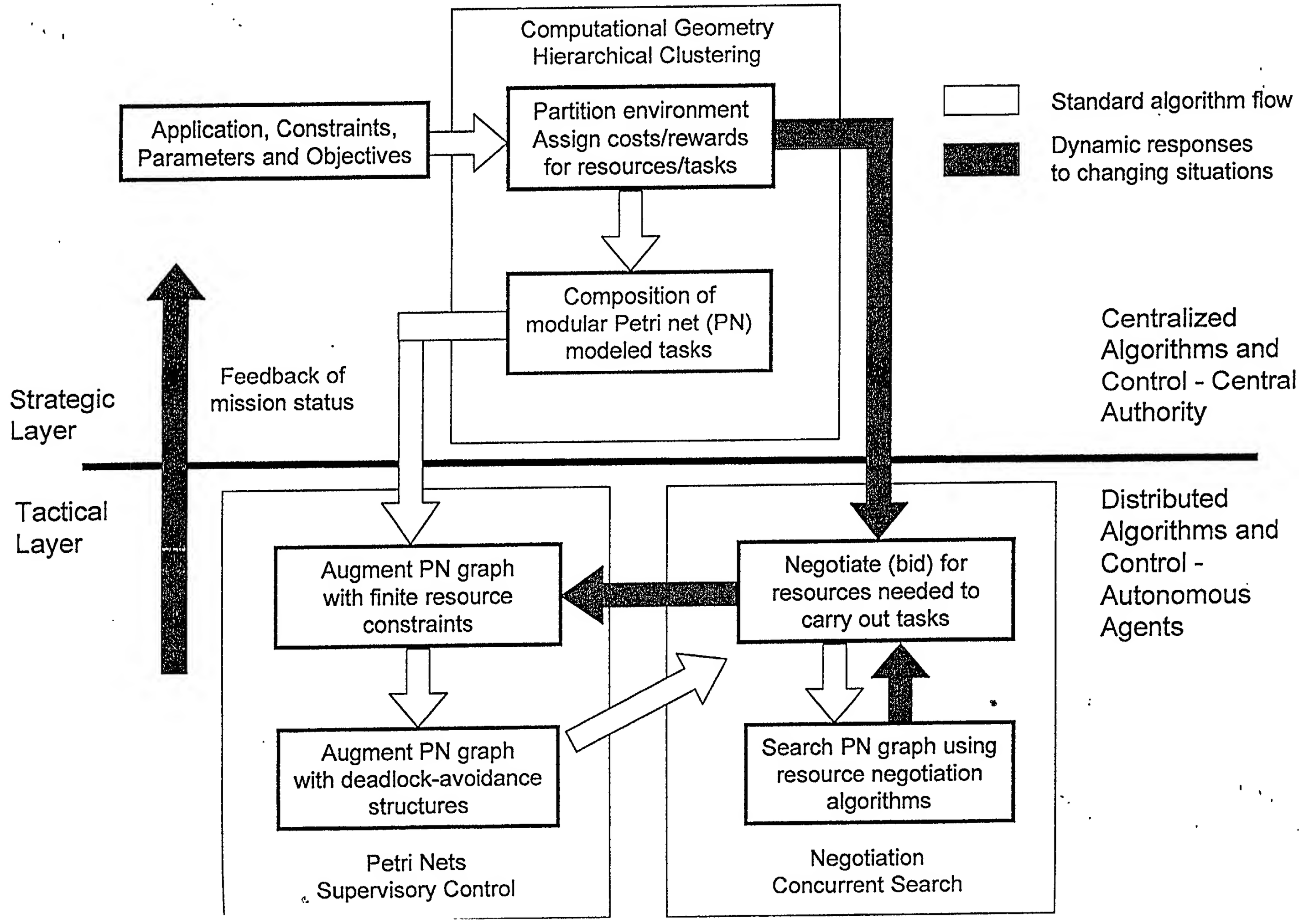
Fig. 1 High Level Architecture View and Algorithm Flow



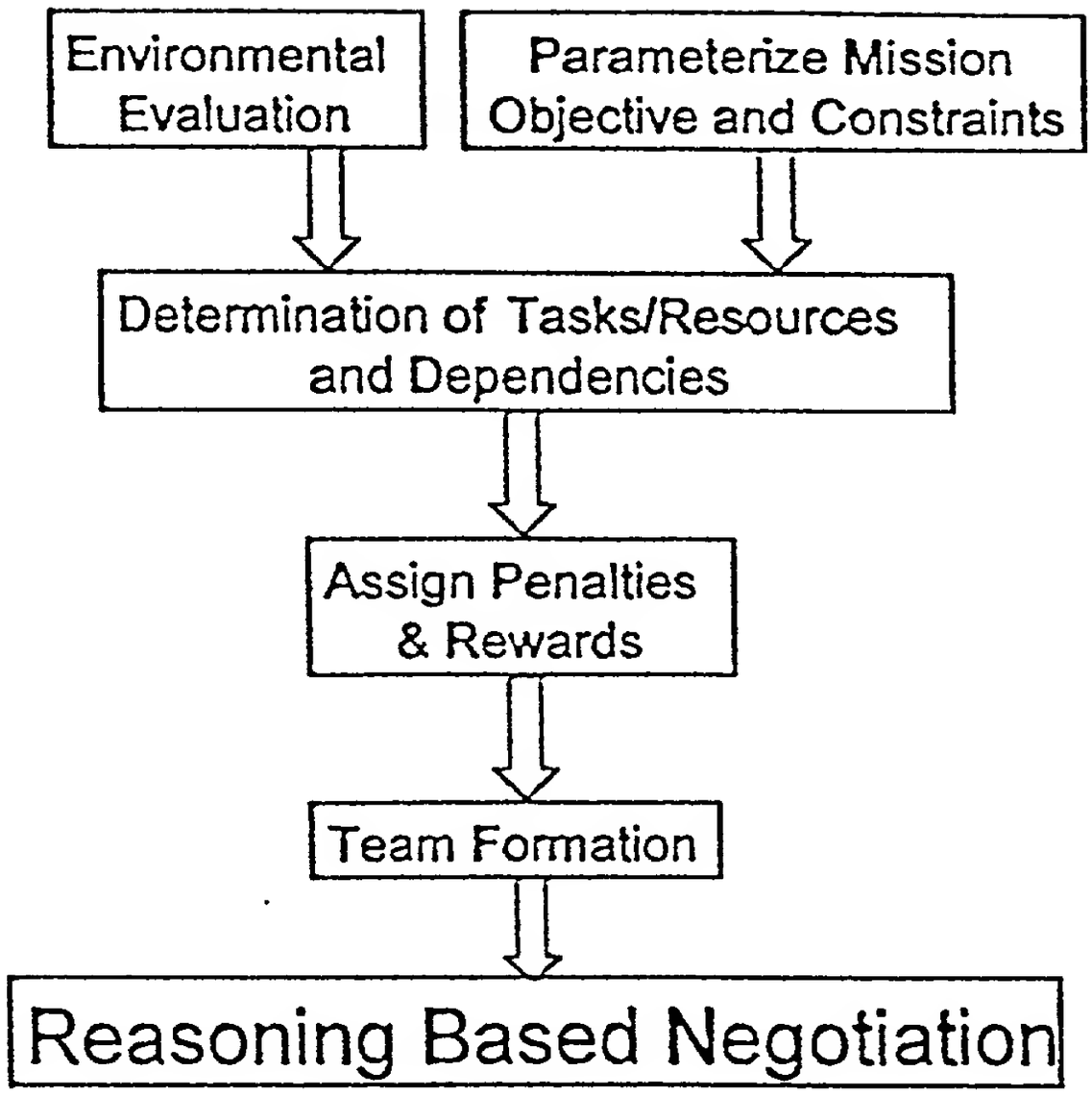

Environmental Evaluation
Parameterize Mission Objective and Constraints
Determination of Tasks/Resources and Dependencies
Assign Penalties & Rewards
Team Formation
Reasoning Based Negotiation

Fig 2

DOCTOR' STRANGE

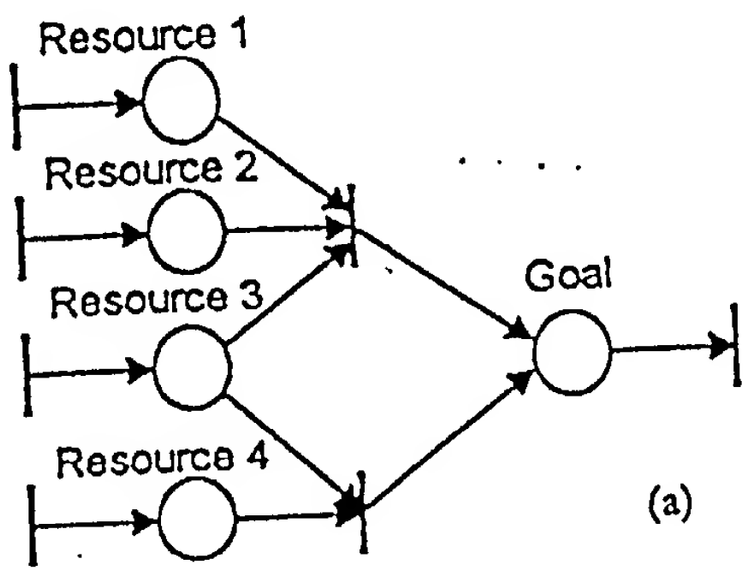


Fig 3(a)

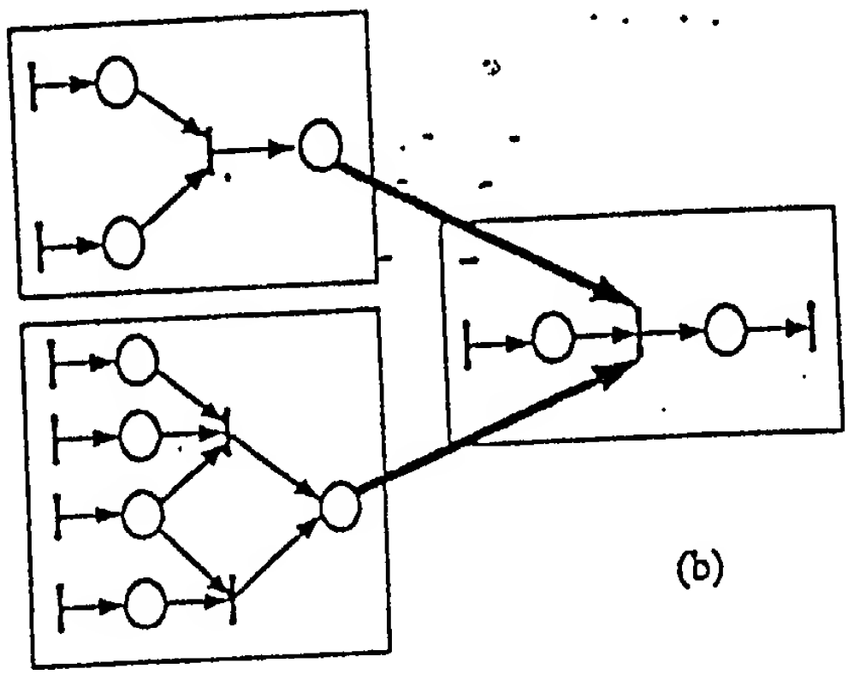


Fig 3(b)

DOCTAF" 97-04-260

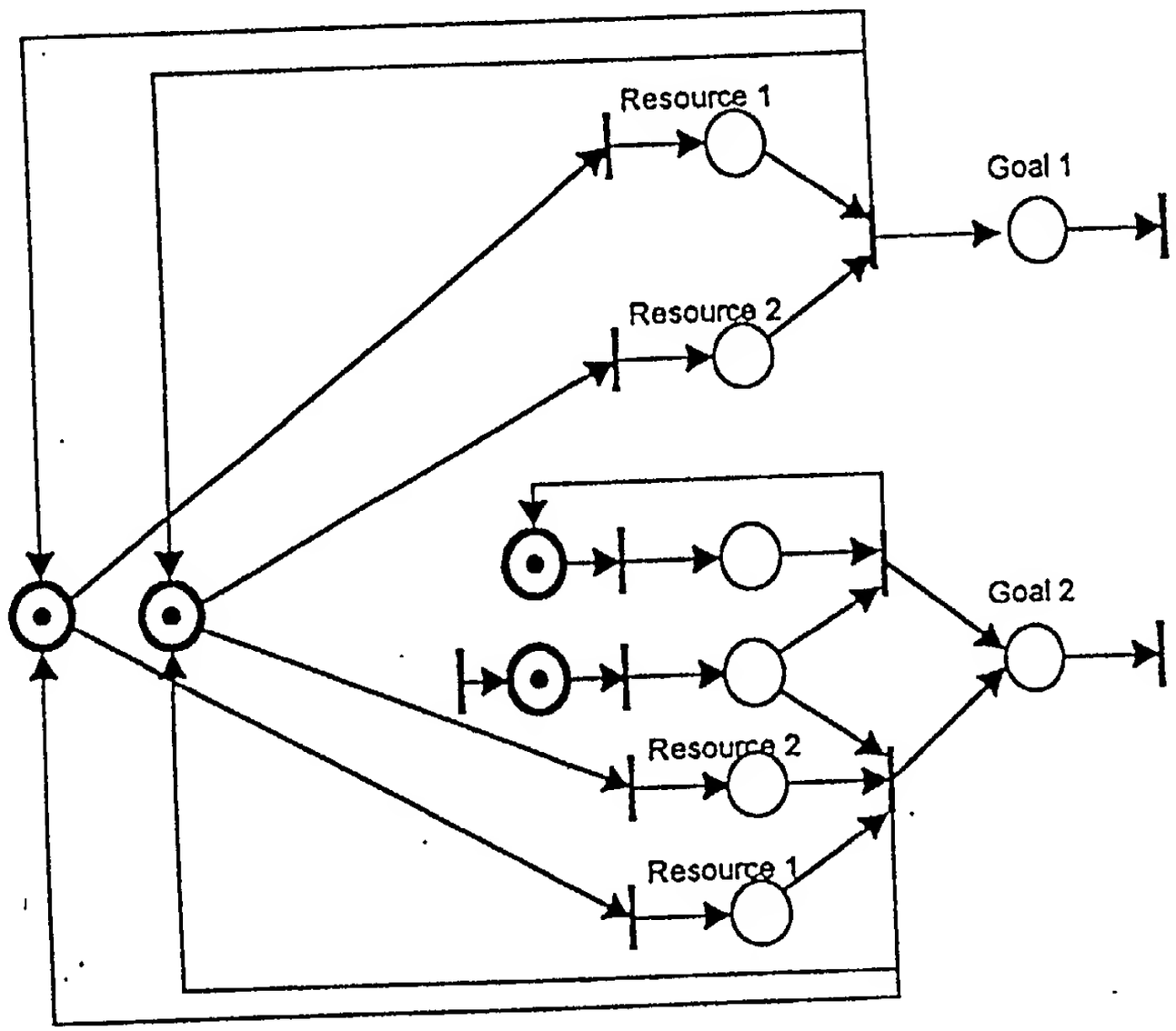


Fig 4(a)

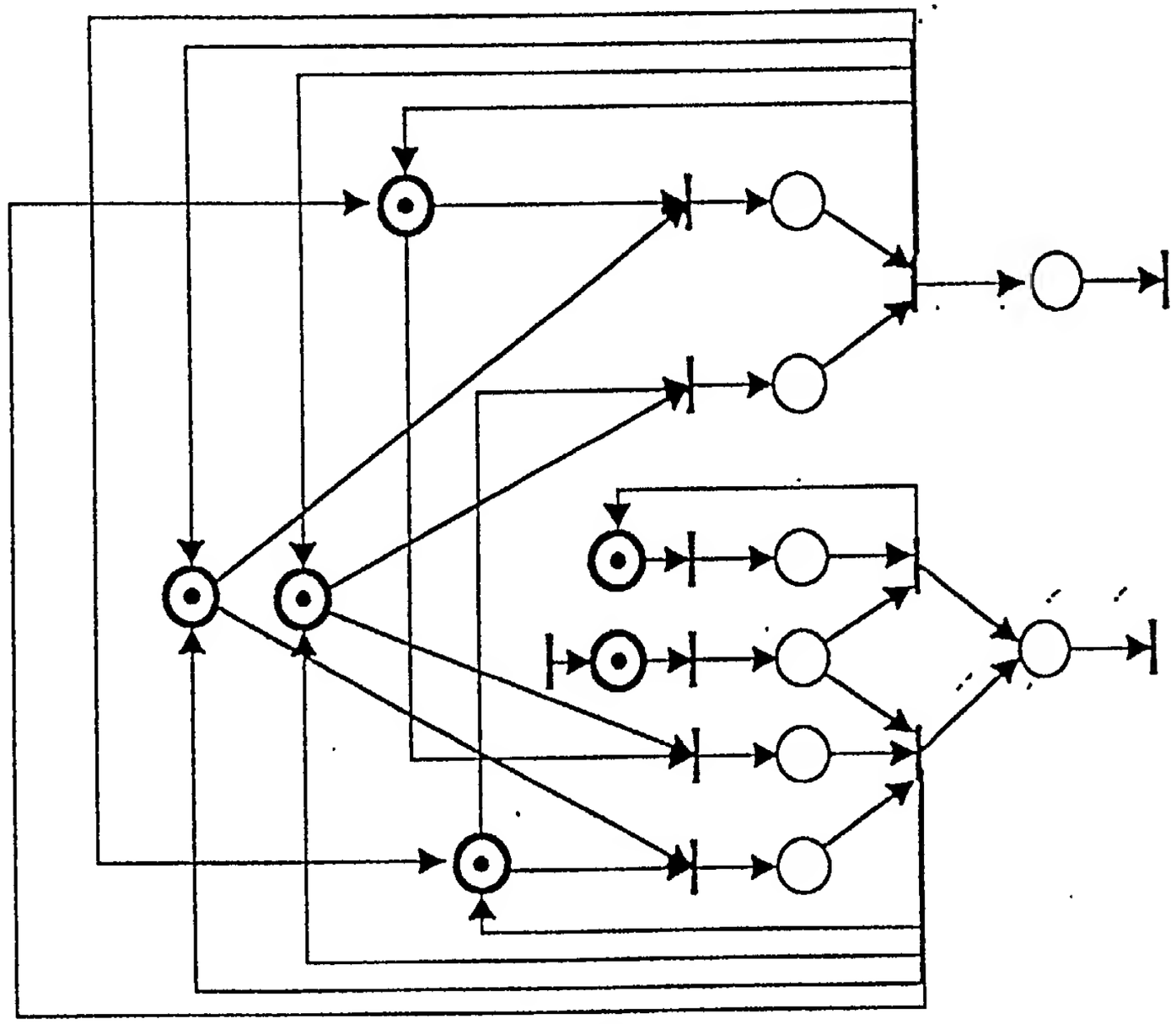


Fig 4(b)

DOCTAT" ATTACHED

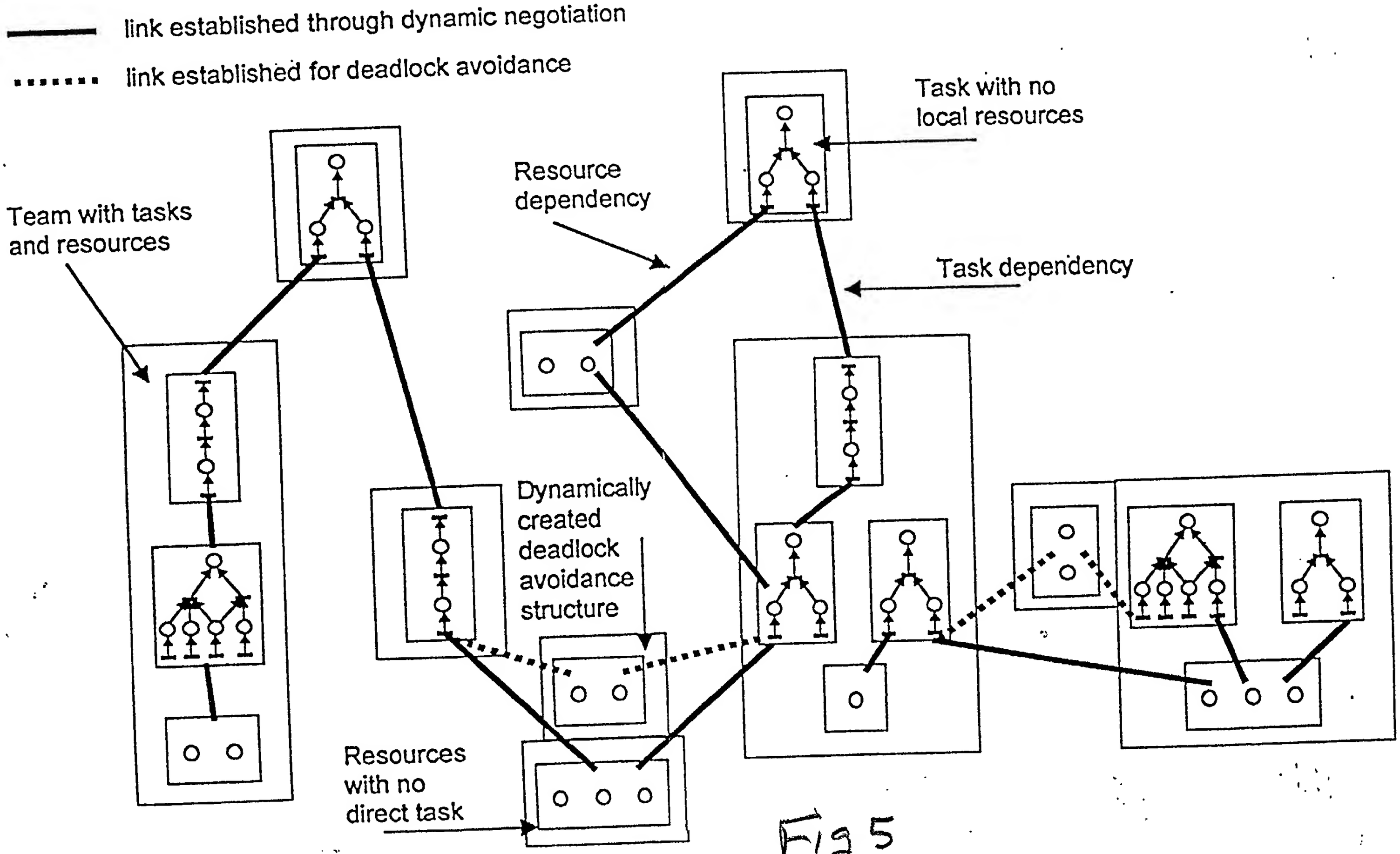


Fig 5

Fig. 6 Network of central authority and agent machines

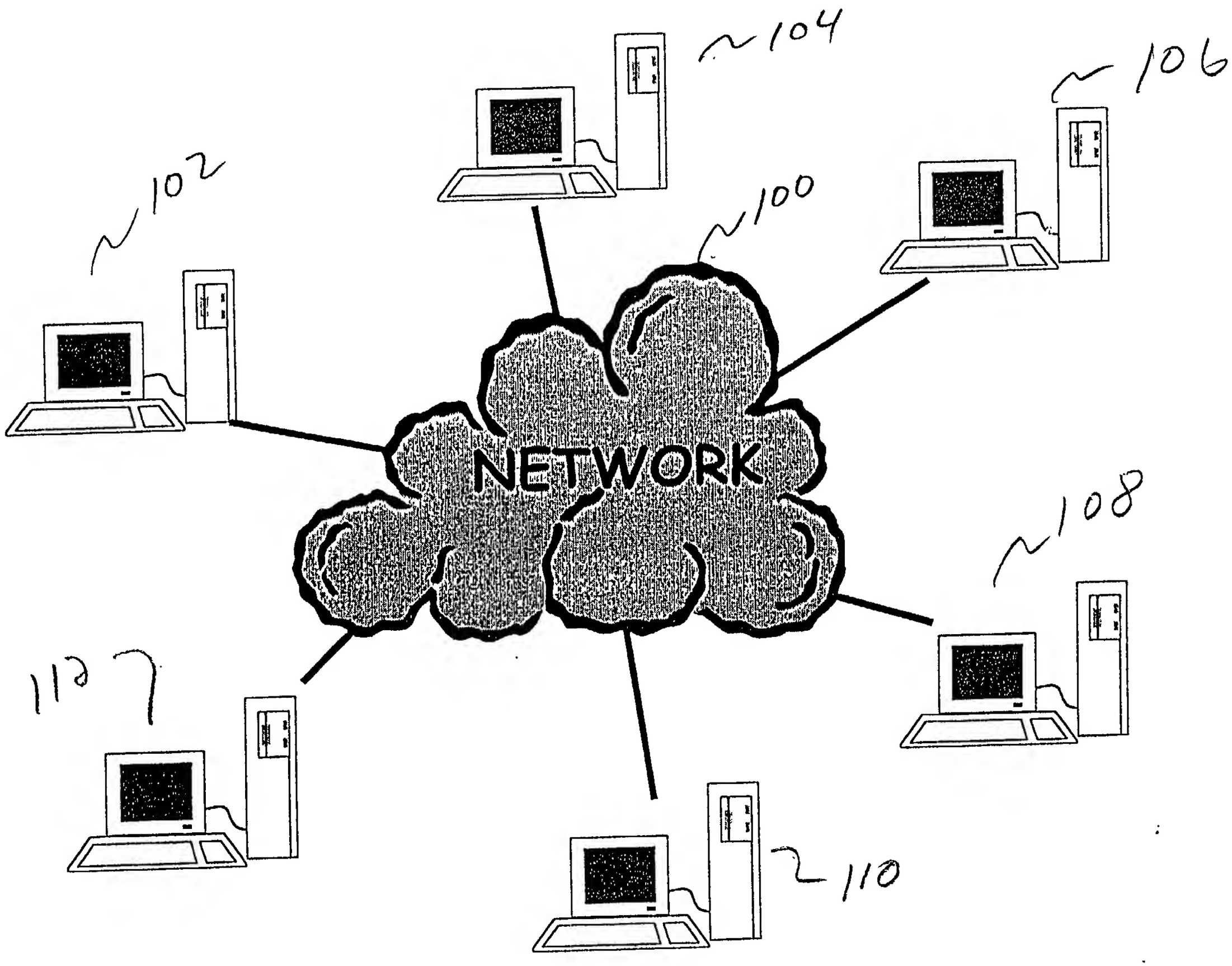


Fig. 7 Platform hardware

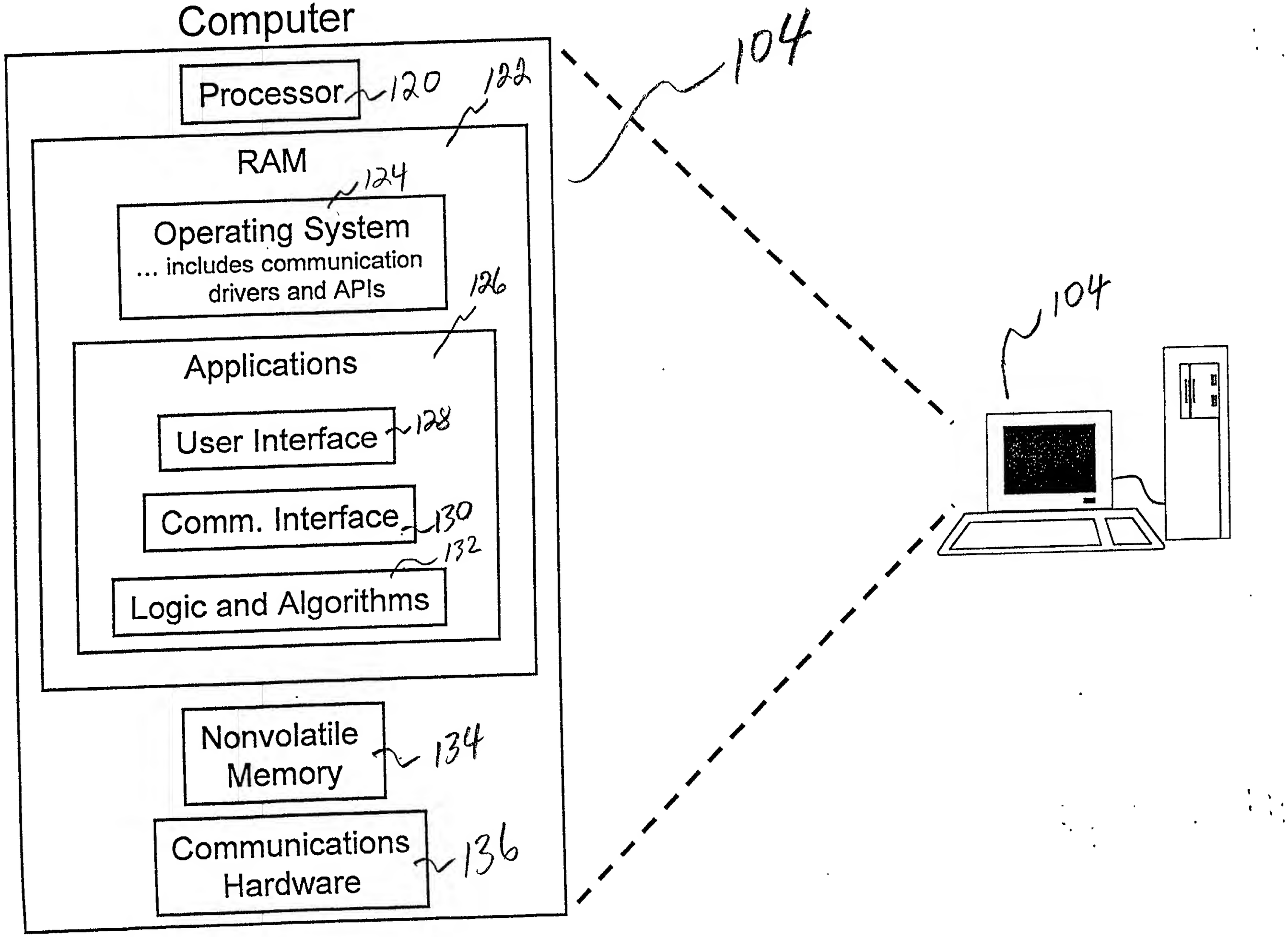


Fig. 8 Strategic Layer / Central Authority - Inputs and Outputs

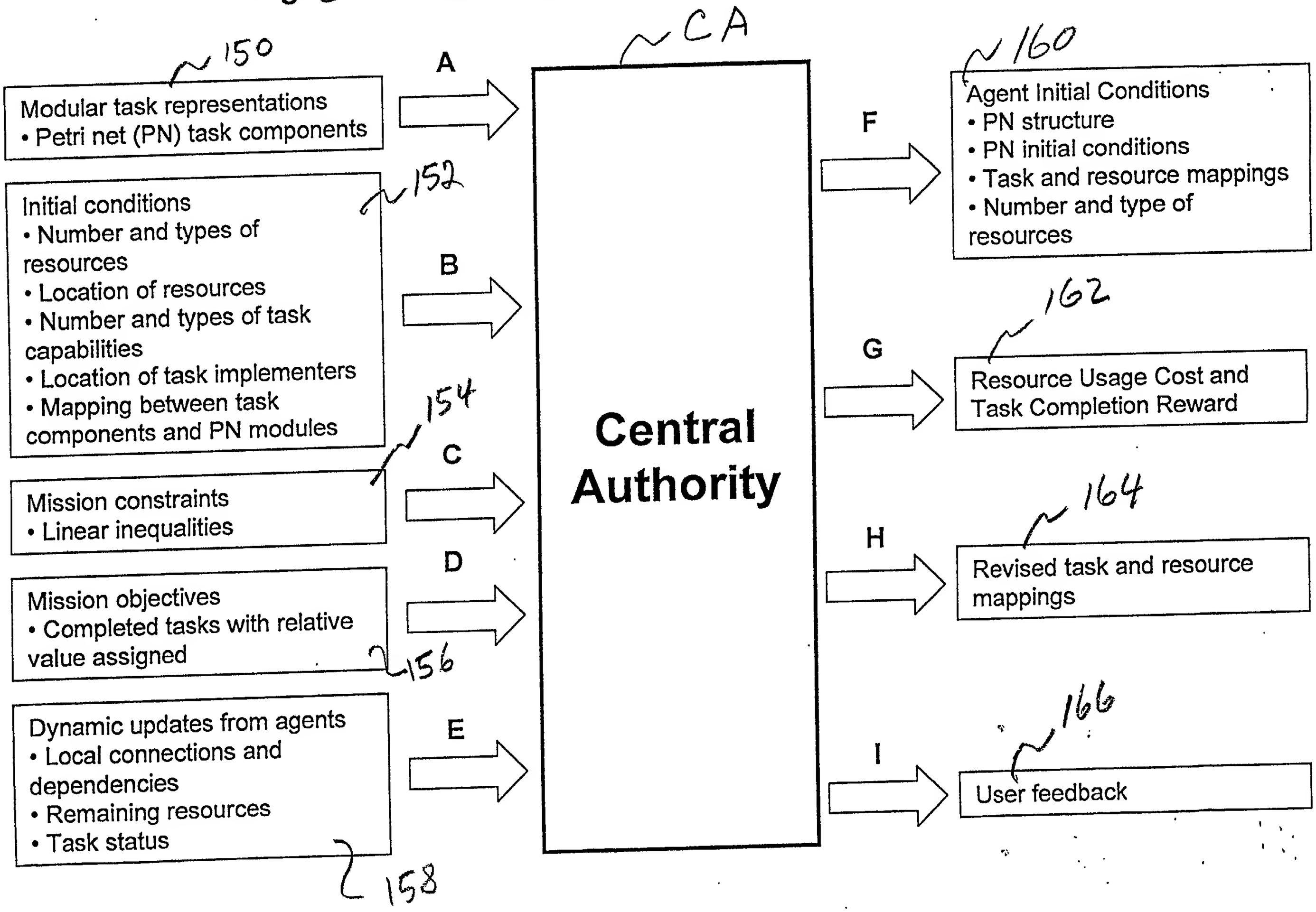


Fig. 9 Tactical Layer / Autonomous Agents - Inputs and Outputs

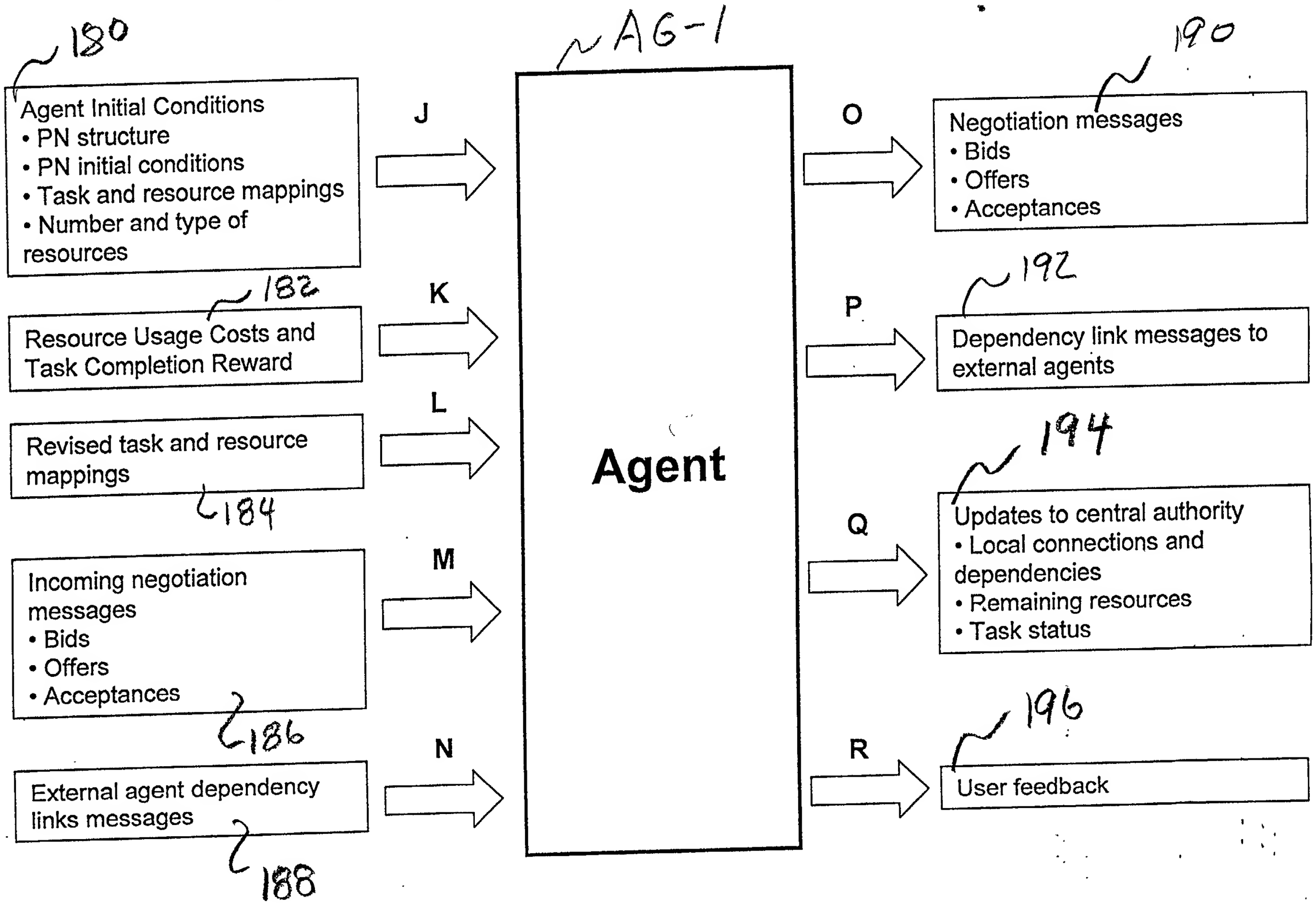
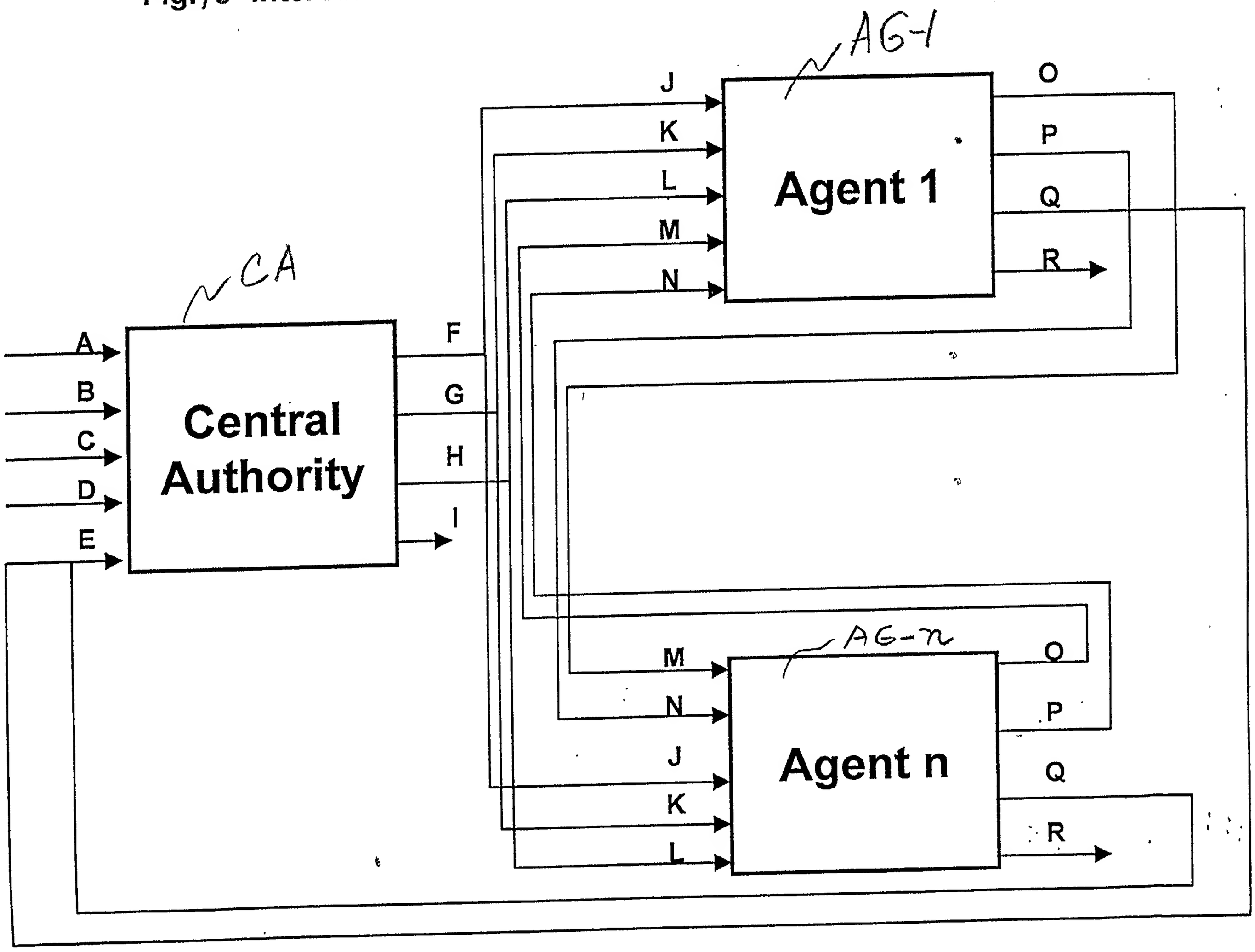


Fig. 10 Interconnections of Central Authority and Autonomous Agents



DOCKET ALARM

Fig. 11 Algorithm: Strategic Layer / Central Authority - Part 1

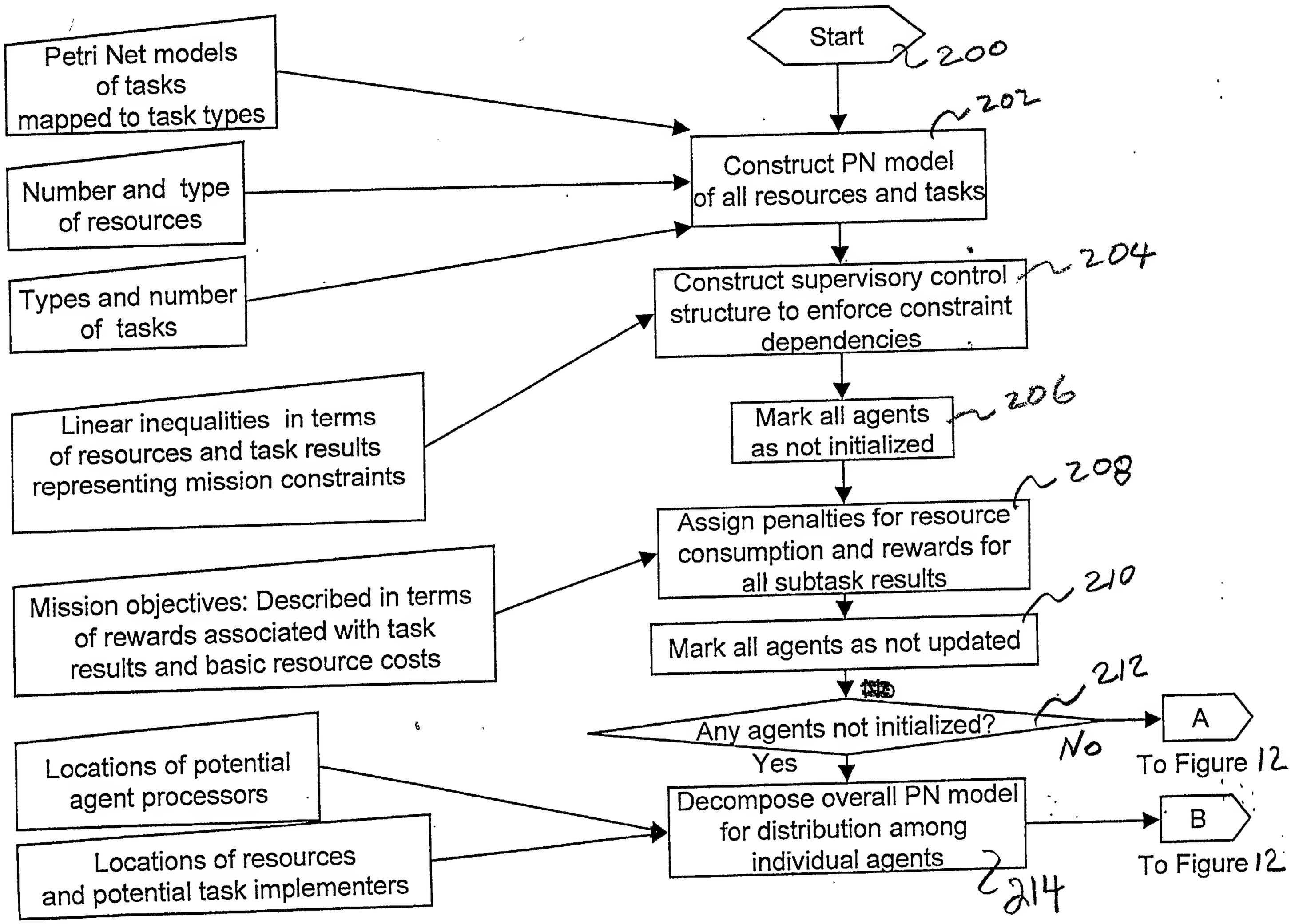


Fig. 12 Algorithm: Strategic Layer / Central Authority - Part 2

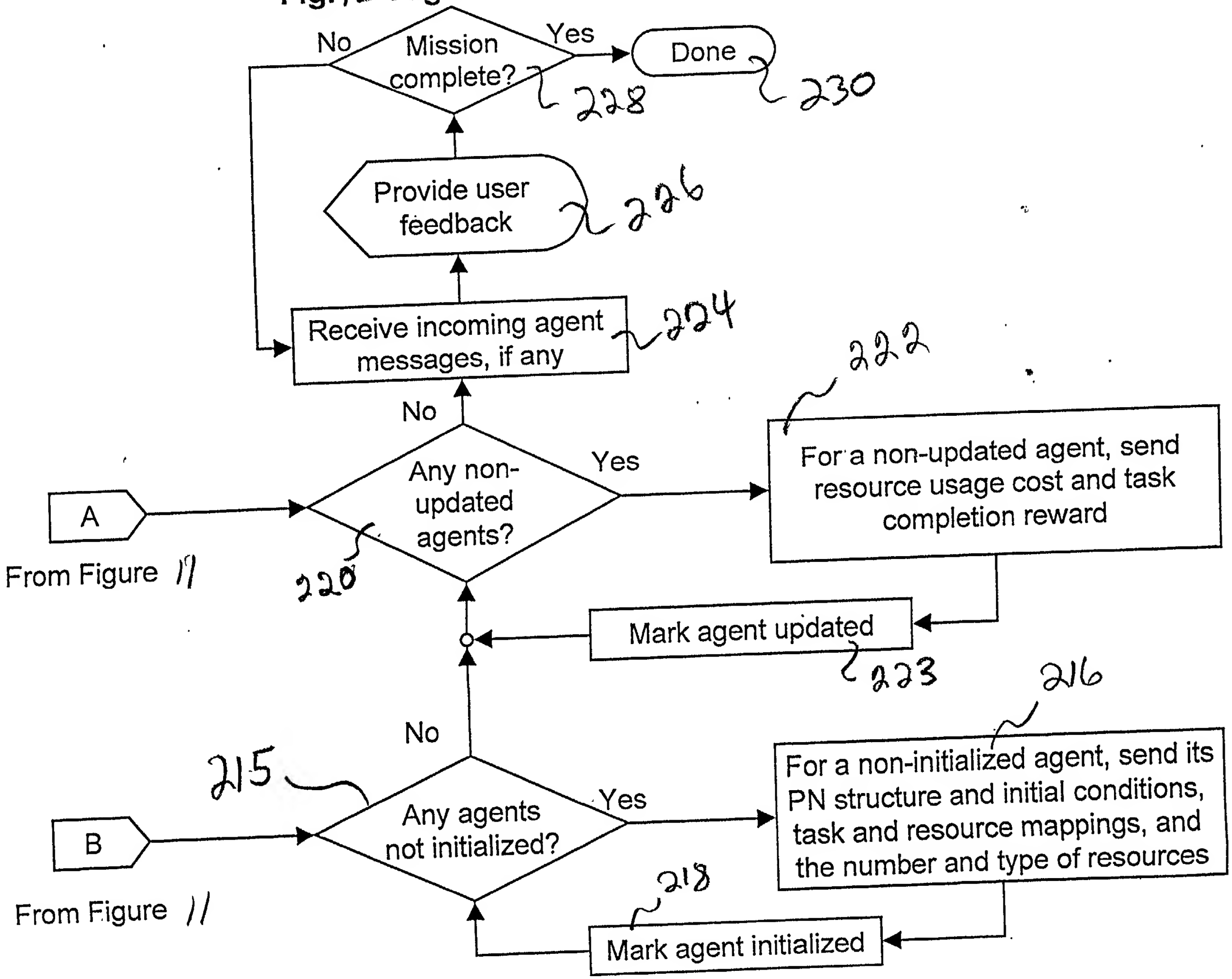


Fig. 13 Algorithm: Tactical Layer / Autonomous Agents - Part 1

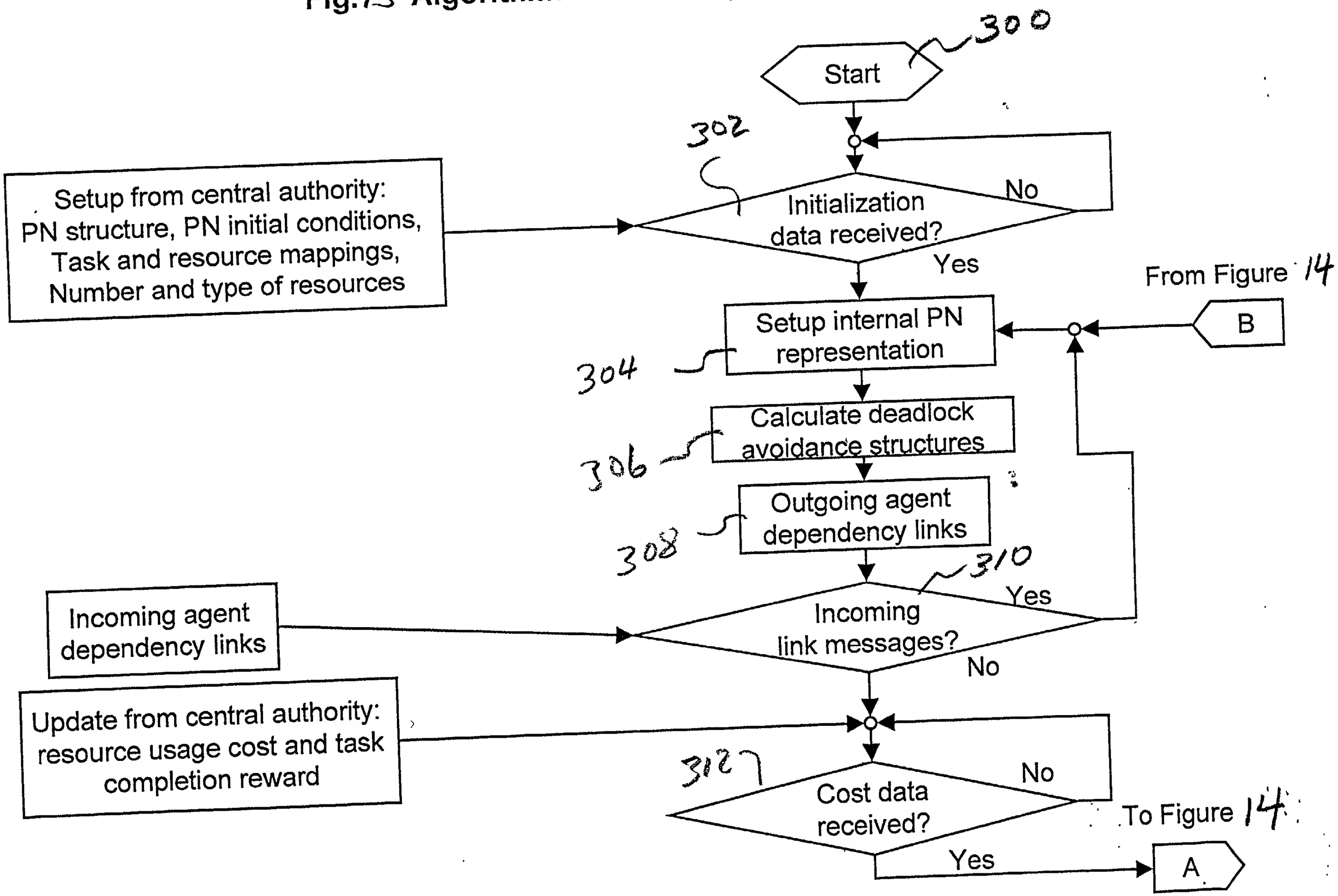
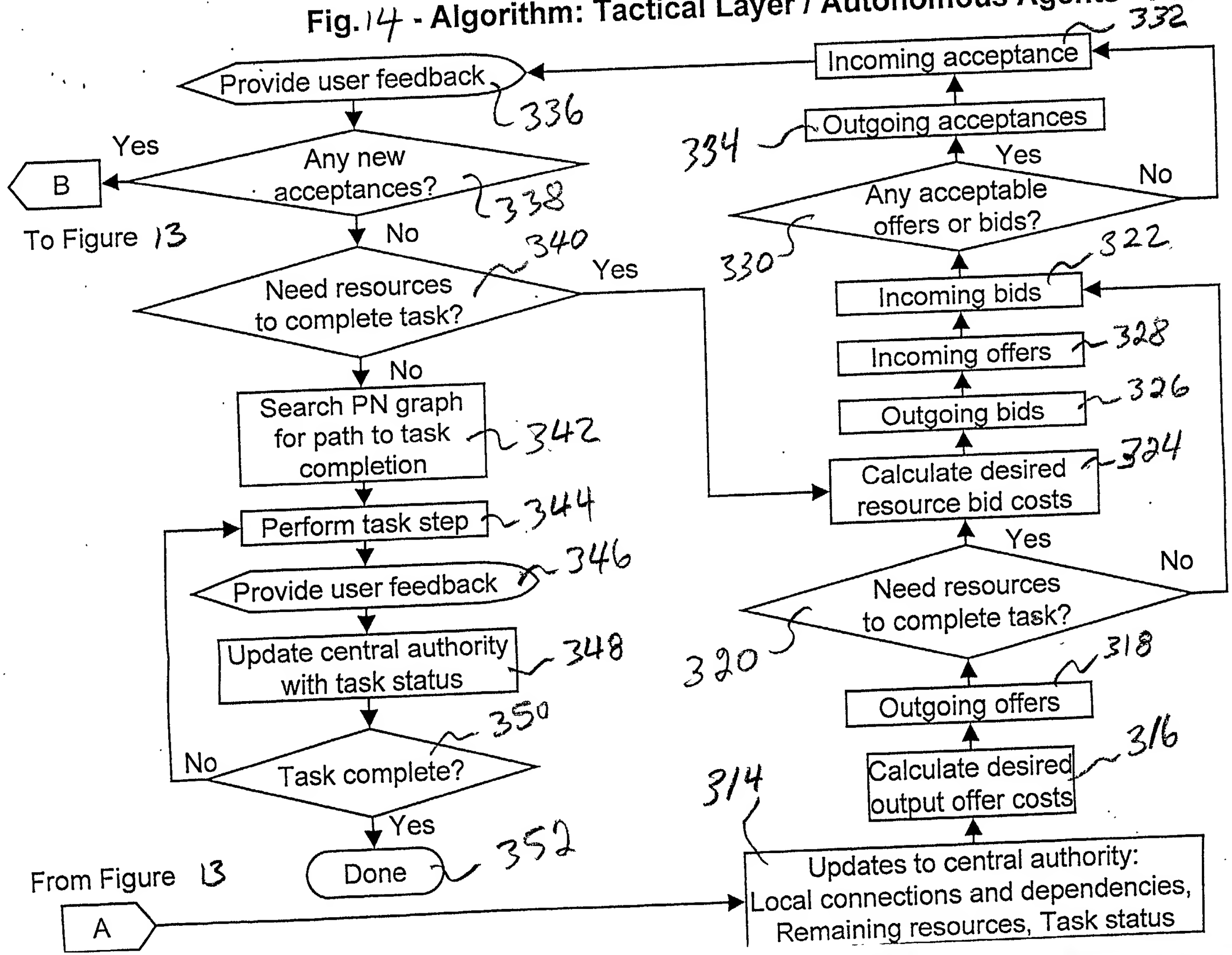



Fig. 14 - Algorithm: Tactical Layer / Autonomous Agents - Part 2